

Amendments to the Claims:

1. (Currently Amended) An electrochromic mirror, comprising:

a transparent substrate wherein an electrochromic film which is can be reduction-colored is formed on the back thereof, and an electrically conductive light reflecting film which is permeable to hydrogen atoms ~~and has electrical conductivity~~ is formed on the back of the electrochromic film,

a substrate which has an electrically conductive part having electrical conductivity on at least one side, and is provided in a vicinity of the transparent substrate in a state where the electrically conductive part faces the electrically conductive light reflecting film, and

an electrolysis solution which contains at least a hydrogen ion and a material oxidizable with a neutral molecule or an anion, and is sealed between the electrically conductive light reflecting film of the transparent substrate and the electrically conductive part of the substrate,

wherein incident light enters said transparent substrate and is transmitted through said electrochromic layer and reflected off of said electrically conductive light reflecting film without being transmitted through said electrolysis solution.

2. (Original) The electrochromic mirror according to claim 1, wherein

the electrically conductive part of the substrate is an electrode film having electrical conductivity and formed on the substrate.

3. (Previously Presented) The electrochromic mirror according to claim 1, wherein

a material for the electrochromic film of the transparent substrate contains at least one of tungsten trioxide and molybdenum trioxide.

4. (Previously Presented) The electrochromic mirror according to claim 1, wherein

a material for the electrically conductive light reflecting film of the transparent substrate is selected from a metal belonging to the platinum group, and an alloy of silver and a metal belonging to the platinum group.

5. (Previously Presented) The electrochromic mirror according to claim 1, wherein

a material for the electrically conductive light reflecting film of the transparent substrate is rhodium.

6. (Previously Presented) The electrochromic mirror according to claim 1, wherein the electrolysis solution is a gel containing a polymer or an inorganic substance that does not react with the electrolysis solution.

7. (Currently Amended) An electrochromic mirror, comprising:
a transparent substrate wherein an electrochromic film which is can be reduction-colored is formed on the back thereof, and an electrically conductive light reflecting film which is permeable to lithium atoms ~~and has electrical conductivity~~ is formed on the back of the electrochromic film,

a substrate which has an electrically conductive part having electrical conductivity on at least one side, and is provided in a vicinity of the transparent substrate in a state where the electrically conductive part faces the electrically conductive light reflecting film, and

an electrolysis solution which contains at least a lithium ion and a material oxidizable with a neutral molecule or an anion, and is sealed between the electrically conductive light reflecting film of the transparent substrate and the electrically conductive part of the substrate,
wherein incident light enters said transparent substrate and is transmitted through said electrochromic layer and reflected off of said electrically conductive light reflecting film without being transmitted through said electrolysis solution.

8. (Original) The electrochromic mirror according to claim 7, wherein the electrically conductive part of the substrate is an electrode film having electrical conductivity and formed on the substrate.

9. (Previously Presented) The electrochromic mirror according to claim 7, wherein a material for the electrochromic film of the transparent substrate contains at least one of tungsten trioxide and molybdenum trioxide.

10. (Previously Presented) The electrochromic mirror according to claim 7, wherein a material for the electrically conductive light reflecting film of the transparent substrate is selected from a metal belonging to the platinum group, and an alloy of silver and a metal belonging to the platinum group.

11. (Previously Presented) The electrochromic mirror according to claim 7, wherein a material for the electrically conductive light reflecting film of the transparent substrate is rhodium.

12. (Previously Presented) The electrochromic mirror according to claim 7, wherein the electrolysis solution is a gel containing a polymer or an inorganic substance which does not react with the electrolysis solution.